AMENDMENTS TO THE CLAIMS

1. (Currently Amended) A coordinate input apparatus, comprising:

a display panel provided with a plurality of X interconnecting lines and a plurality of Y interconnecting lines disposed to intersect with each other in a matrix fashion;

display drive circuits for supplying drive signals to the X and Y interconnecting lines in a display drive mode;

closed loop forming circuits disposed at two opposite ends of the display panel and at another two opposite ends of the display panel;

switching circuits connected to a terminal of each of the X and Y interconnecting lines, said switching circuits connecting the X or Y interconnecting lines to the display drive circuits in the display drive mode and to the closed loop forming circuits in a coordinate detection drive mode; and

~~a switching circuit for connecting the X and Y interconnecting lines to a display drive circuit in a display drive mode and for connecting the X and Y interconnecting lines to a closed loop forming circuit in a coordinate detection drive mode;~~

~~the closed loop forming circuit switchably connecting a predetermined number of the X interconnecting lines or a predetermined number of the Y interconnecting lines to form a closed loop in the coordinate detection drive mode; and~~

a detection circuit for detecting [[a]] signals outputted from the closed loop forming circuits in the coordinate detection drive mode in response to a position indicator for indicating a position in a coordinate input area of the display panel where the X interconnecting lines and the Y interconnecting lines are disposed in the matrix fashion;

wherein ~~the closed loop is a multiple closed loop~~, in the coordinate detection drive mode,

the closed-loop forming circuits disposed at two ends of the display panel connect at least a pair of terminals of the X interconnecting lines in each end to form a multiple closed loop of the X interconnecting lines, and

the closed loop forming circuits disposed at another two ends of the display panel connect at least a pair of terminals of the Y interconnecting lines at each end to form a multiple closed loop of the Y interconnecting lines.

2. (Original) An apparatus according to Claim 1, wherein the closed loop includes a switch circuit for selecting first to four X interconnecting lines from the plurality of X interconnecting lines so that:

a first terminal of the first X interconnecting line is connected with a first terminal of the second X interconnecting line,

a first terminal of the third X interconnecting line is connected with a first output terminal,

a second terminal of the third X interconnecting line is connected with a second terminal of the first X interconnecting line,

a first terminal of the fourth X interconnecting line is connected with a second output terminal, and

a second terminal of the fourth X interconnecting line is connected with a second terminal of the second X interconnecting line.

3. (Original) An apparatus according to Claim 2, wherein the closed loop includes a switch circuit for selecting first to four Y interconnecting lines from the plurality of Y interconnecting lines so that:

a first terminal of the first Y interconnecting line is connected with a first terminal of the second Y interconnecting line,

a first terminal of the third Y interconnecting line is connected with a first output terminal,

a second terminal of the third Y interconnecting line is connected with a second terminal of the first Y interconnecting line,

a first terminal of the fourth Y interconnecting line is connected with a second output terminal, and

a second terminal of the fourth Y interconnecting line is connected with a second terminal of the second Y interconnecting line.

4. (Original) An apparatus according to Claim 1, wherein the closed loop is sequentially formed at a constant pitch on the matrix of the X and Y interconnecting lines with a lapse of time.

5. (Original) An apparatus according to Claim 1, wherein on the matrix of the X and Y interconnecting lines, a closed loop formed timewise previously and a subsequent closed loop formed after the closed loop are selected to have an embedded structure.

6 and 7. (Canceled)

8. (Previously Presented) An apparatus according to Claim 1, wherein the display panel has a memory characteristic.

9. (Original) An apparatus according to Claim 8, wherein the display panel is an electrophoretic display panel.